

NATURALIST

SEPTEMBER 1979



Caladenia dilatata

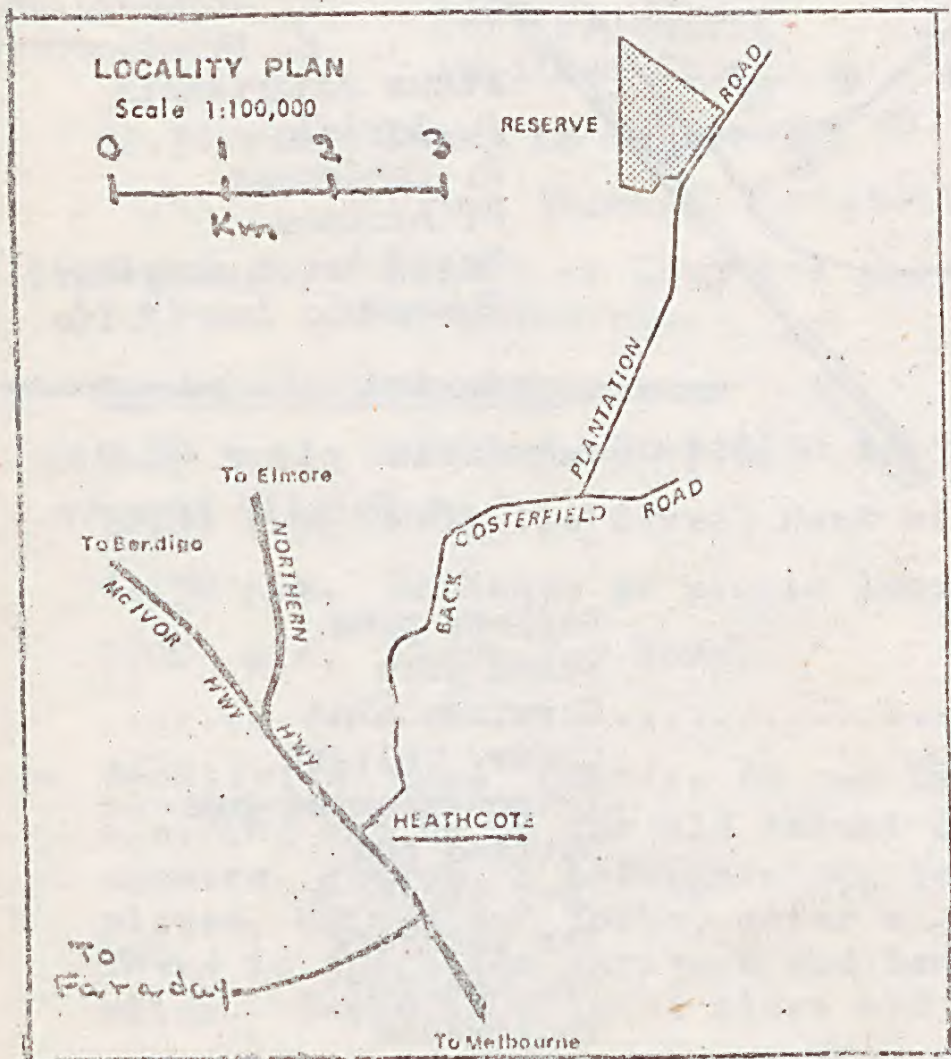
'Green-comb Spider orchid'

President: Mrs R. Mills
Secretary: Mr G. Sitch
Treasurer: Mr L. Bransgrove
News-letter Ed: Mr E. Perkins

General meetings are held on the second Friday of each month, and business meetings on the fourth Thursday. Meetings are at 8.00 p.m. in the Education Centre, Mostyn St, Castlemaine. Visitors and prospective members are invited to attend the Club's sessions.

THE DARGILE RESERVE

The Dargile Reserve comprises an area of 120 hectares of typical box-ironbark forest. It has been used for experimental plantings since 1916, and was declared a reserve in 1973.



In 1916 the area was fenced with rabbit-proof fencing and planting of pines and various eucalypts began.

Plantings were in rows 2.4 metres apart and about 80 ha were planted. Planting ceased in 1925 when row refills were completed. In 1932, survival consisted of about 20 ha of *Pinus radiata*, 24 ha of Red Ironbark and 8 ha of Blue Gum, with small clumps of other eucalypts.

DARGILE RESERVE

LOCATION OF SPECIES

Scale 1:10,000

metres 200 100 0 200 400 metres

LEGEND

ROADS

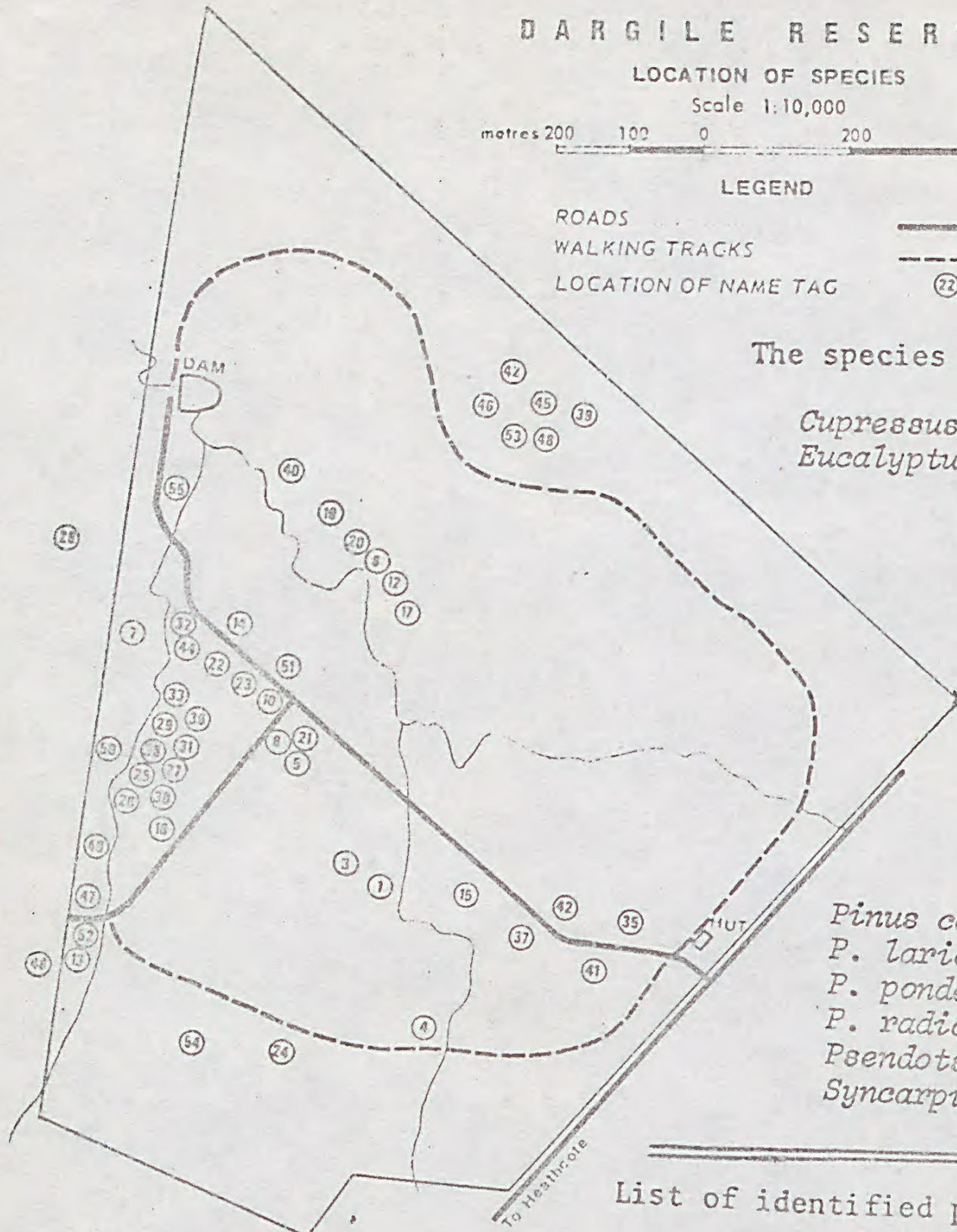
WALKING TRACKS

LOCATION OF NAME TAG

(22)

The species planted were:

Cupressus macrocarpa
Eucalyptus botryoides
E. citriodora
E. cladocalyx
E. globulus
E. longifolia
E. maculata
E. marginata
E. microcorys
E. muellerana
E. paniculata
E. resinifera
E. sideroxylon
E. tereticornis
Pinus canariensis
P. laricio
P. ponderosa
P. radiata
Pseudotsuga douglasii
Syncarpia laurifolia



List of identified plant species on Dargile Reserve

- 1 *Pinus radiata*
- 2 *Pinus pinea*
- 3 *Pinus nigra*
- 4 *Exocarpos cupressiformis*
- 5 *Eucalyptus citriodora*
- 6 *Eucalyptus maculata*
- 7 *Eucalyptus paniculata*
- 8 *Eucalyptus sideroxylon*
- 9 *Eucalyptus resinifera*
- 10 *Eucalyptus microcorys*

- Radiata pine
 Stone pine
 Corsican pine
 Cherry ballart
 Lemmon-scented gum
 Spotted gum
 Grey ironbark
 Red ironbark
 Red mahogany
 Tallowwood

WYCHITELLA FOREST

Those attending the excursion can join at these times:-

Friday 21 September

5.00 p.m. Leave Castlemaine Education Centre

6.30 p.m. Arrive Wychitella; set up camp.

Saturday 22 September

9.30 a.m. Leave camp for barbeque and walking track areas.
Explore all morning.

12.30 p.m. Barbeque or picnic lunch at barbeque area in
the scrub.

1.30 p.m. Walk in the walking track area.

6.30 p.m. Tea at camp, or smorgasbord tea at Railway Hotel
(booking required previous week, \$4.50)

Sunday 23 September

9.30 a.m. Leave camp for Wedderburn; visit museum etc.
Church services at Wedderburn are:-

Church of Christ 11.00 a.m.

Uniting Church 11.00 a.m.

Anglican Church 8.30 a.m.

12.30 p.m. Lunch in Wedderburn

1.15 Drive through Wychitella Forest

Evening Slides or Campfire and specimens, comparison
of notes etc.

Monday 24 September

9.30 a.m. Break camp at 9.30 for Melvilles caves

10.30 a.m. Melville Caves. Meet at shelters at base of Mountain

12.30 p.m. Barbeque or picnic lunch

3.00 p.m. Leave for home.

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Wychitella Camp Cost is \$3 per family per night.

Sleeping can be in the old school or old church. There are
showers, stoves, a refrigerator, telephone, sink, plastic
plates, knives and forks, water supply and toilets.

There is space for caravans and tents; these are unpowered
sites. There is a local store and hotel.

Motels are at Wedderburn and Charlton.

PLANT LIST

FOR THE WYCHITELLA FOREST

(Compiled by members of the Bendigo Field Naturalists' Club and the Field Naturalists' Club of Victoria)

Acacia acinacea (Gold Dust Wattle)
diffusa (Spreading Wattle)
flexifolia
lineata
pycnantha (Golden Wattle)
un-named species (Wychitella Wattle)
Aira caryophylla (Silvery Hair Grass)
Ajuga australis (Bugle)
Anagallis arvensis
femina
Anguillaria dioica (Early Nancy)
Arctotheca calendula
Asperula conferta (Common Woodruff)
Astroloma conostephioides (Flame Heath)
Baeckea behrii
crassifolia (Desert Heath-myrtle)
Bartschia latifolia
Billardiera cymosa (Sweet Apple Berry)
Brachycombe leptocarpa
perpusilla var. *tenella*
Brachyloma daphnoides (Daphne Heath)
Briza maxima (Shell Grass—Large Quaking Grass)
minor (Shivery Grass—Lesser Quaking Grass)
Buibine semibarbata (Leek-Lily)
Caladenia caerulea (Blue Caladenia)
carnea (Pink Fingers)
dilatata (Green comb Spider Orchid)
Calendrinia calyptrata
Calochilus robertsonii (Purplish Beard-Orchid)
Calotis hispidula
Calytrix tetragona (Common Fringe-Myrtle)
Cassytha melantha (Large Dodder-Laurel)
Casuarina Muelleriana (Slaty She-Oak)
Centrolepis strigosa (Hairy Centrolepis)
Cerastium glomeratum
Cheilanthes tenuifolia (Rock Fern)
Clematis microphylla (Small-leafed Clematis)
Cotula bipinnata
australis (Common Cotula)
Crassula micrantha
colorata
Daucus glochidiatus
Dianella revoluta (Black-Anther Flax-Lily)
Diuris maculata (Leopard Orchid)
Drosera glanduligera (Scarlet Sundew)
peltata
planchonii (Climbing Sundew)
whittakeri (Scented Sundew)

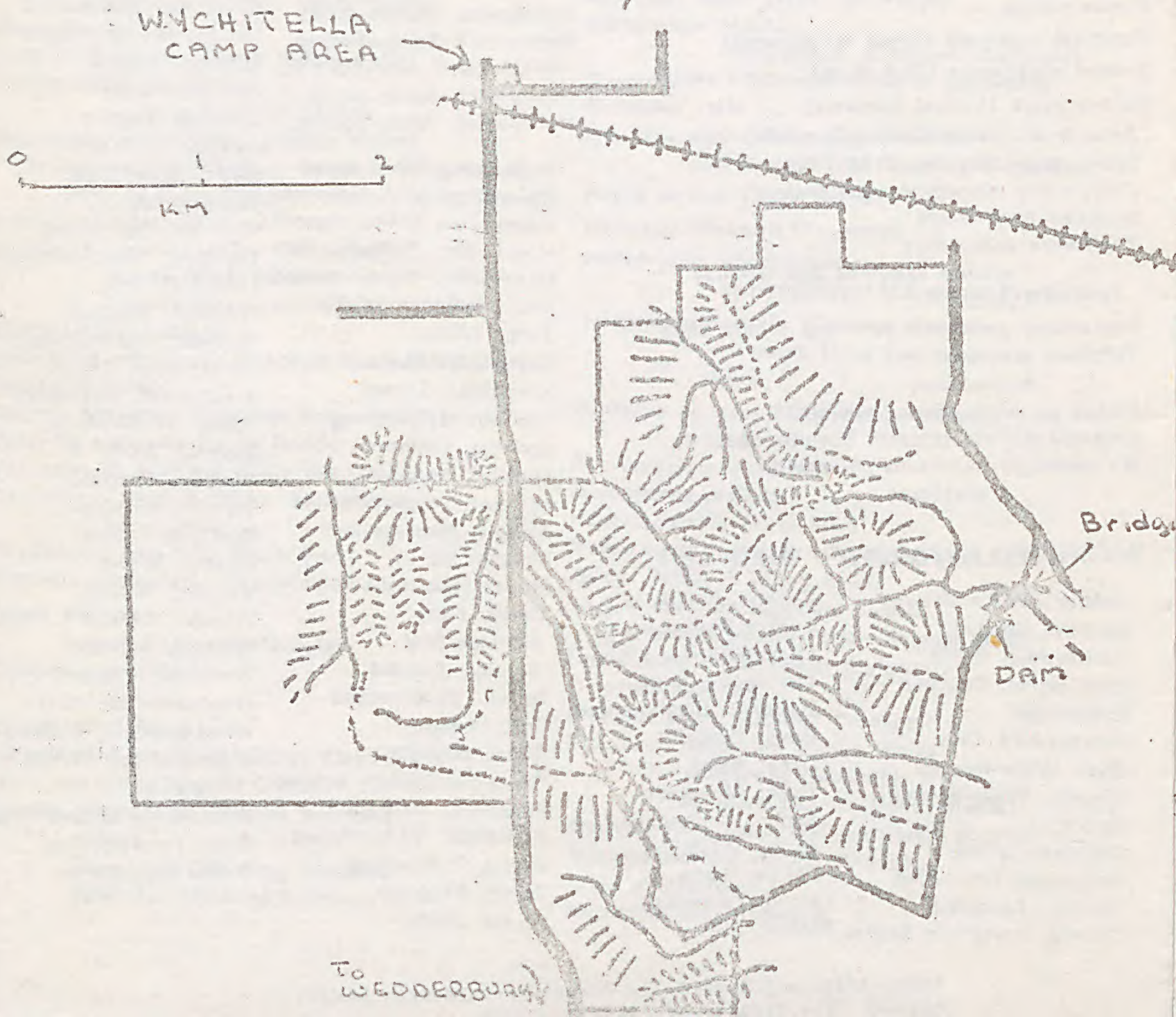
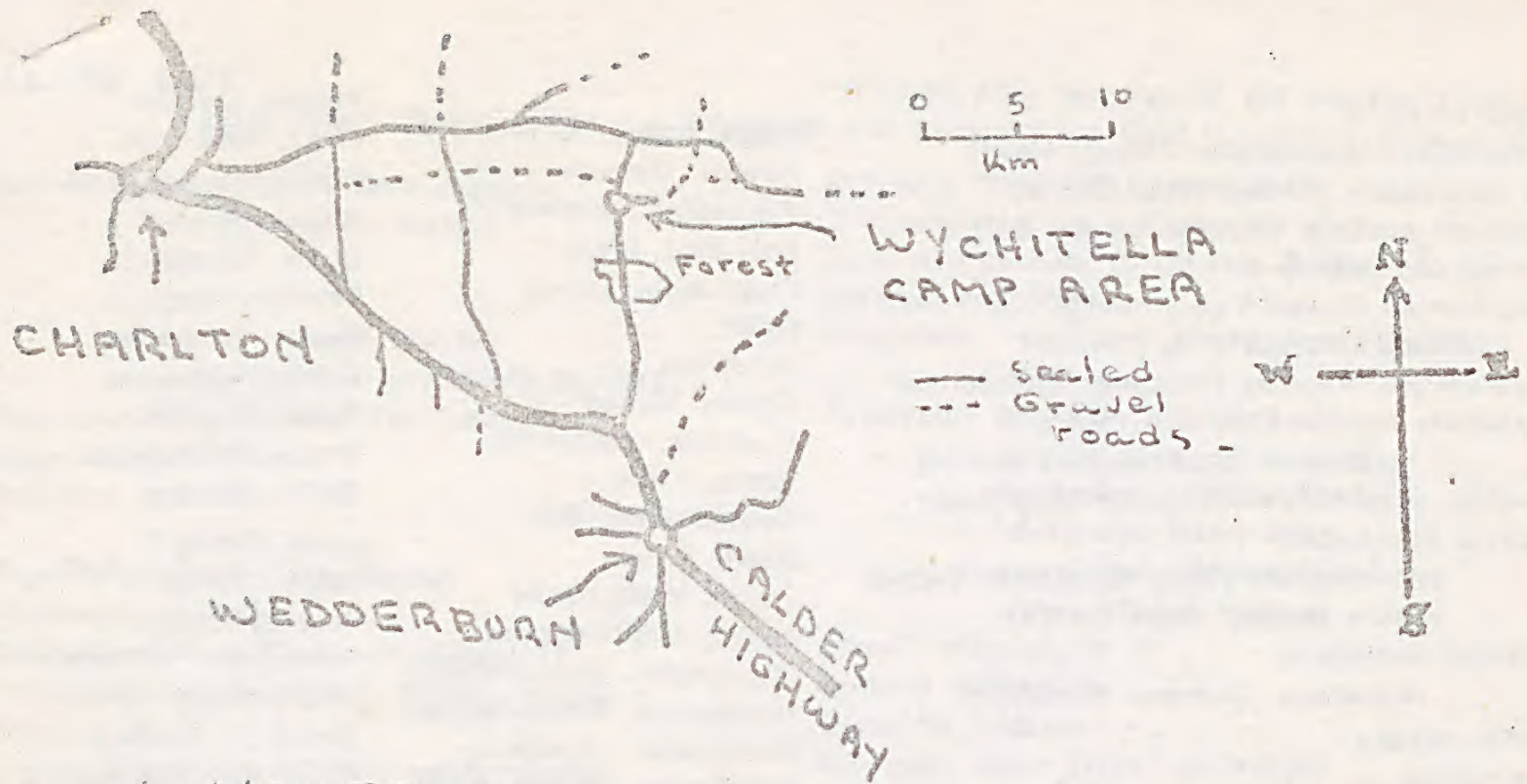
Dillwynia floribunda (Parrot Pea)
Dichopogon strictus (Chocolate Lily)
Dodonaea cuneata (Giant Hop Bush)
Erodium cygnorum
Eriostemon verrucosus (Fairy Wax Flower)
difformis
Eucalyptus behriana (Bull Mallee)
leucoxylon (Yellow Gum)
melliodora (Yellow Box)
microcarpa (Grey Box)
polybractea (Blue Mallee)
viridis (Green Mallee)
Eutaxia microphylla
Fumaria officinalis
Geranium pilosum
Glossodia major (Wax Lip Orchid)
Gnaphalium indutum
involucratum (Common Cudweed)
Gnapholodes uliginosum (Flannel Cudweed)
Goodenia varia
Grevillea alpina (Mountain Grevillea)
parviflora (Small Flowered Grevillea)
Hakea sericea (Silky Hakea)
Haloragis tetragyna (Raspwort)
Helichrysum obcordatum
semipapposum (Clustered Everlasting)
Helipterum australe (Common Sunray)
demissum (Tiny Sunray)
laeve
Hibbertia sericea (Silky Guinea Flower)
pungens
Hydrocotyle peduncularis
Hypochaeris radicata
Hypoxis pusilla (Tiny Star)
Isoetopsis graminifolia (Grass Cushion)
Juncus bufonius (Toad Rush)
capitatus (Capitate Rush)
radula (Hoary Rush—Scraper Rush)
Levenhookia dubia (Hairy Stylewort)
Limosella aquatica
Loudonia behrii (Golden Pennants)
Melaleuca decussata (Totem Poles)
pubescens (Moonah)
uncinata (Broom Honey-Myrtle)
Micromyrtus ciliatus (Fringed Heath Myrtle)
Microtis uniflora (Onion Orchid)
Millotia tenuifolia
Microcola quadrangularis

Myosotis australia
Myriocephalus rhizocephalus (Woolly Head)
Oxalis corniculata (Yellow Wood Sorrel)
Pelargonium australe (Austral Stork's Bill)
Phebalium obcordatum
Pimelea humilis (Dwarf Rice Flower)
 linifolia (Slender Rice Flower)
Pittosporum phillyreoides (Weeping Pittosporum)
Prasophyllum nigricans (Midge Orchid)
 odoratum (Scented Leek Orchid)
Prostanthera aspalathoides (Scarlet Mint Bush)
Pterostylis boormannii
 cycnodephala (Swan Greenhood Orchid)
 pusilla (Ruddy Hood Orchid)
Ranunculus sessiflorus
 lappaceus (Common Buttercup)
Rhagodia hastata
Rumex roseus
Rutidosia multiflora (Small Wrinklewort)
Scirpus platycarpus (Club Rush)
Seboea ovata (Yellow Centaury)
 Senecio biserratus (Cotton Fireweed)
 Spergularia rubra (Sand Spurrey)
 Stackhousia monogyna (Candles)
 Stuartina muelleriana
 Thelymitra antennifera
 aristata (Scented Sun Orchid)
 nuda
Thysanotus patersonii (Twining Fringe Lily)
Trifolium arvense
 tomentosum
Velleia paradoxn (Spur Velleia)
Veronica plebeja (Eastern Speedwell)
Wahlenbergia consimilis (Bluebell)
 gracilenta

WYCHITELLA FOREST BIRD LIST

Babbler, White Browed	Cuckoo, Pallid Faced
Bellbird, Crested	Cuckoo-Shrike, Black
Bronzewing, Brush	Cuckoo-Shrike, Little
Bronzewing, Common	Currawong, Grey
Budgerygar	Dotterel, Black-fronted
Butcher-bird, Grey	Dove, Peaceful
Chat, White-fronted	Duck, Black
Chough, White-winged	Duck, Mountain
Cockatiel	Eagle, Wedge-tailed
Cockatoo, White	Eagle, Whistling
Cormorant, Little Pied	Falcon, Little
Cuckoo, Fantailed	Falcon, Peregrine
Cuckoo, Horsefield Bronze	Fantail, Grey

Finch, Zebra	Pigeon, Crested
Firetail, Diamon	Pitpit, Australian
Flycatcher, Restless	Plover, Spur-winged
Friar-bird, Little	Plover, Banded
Frogmouth, Tawny	Quail, Painted
Galah	Rainbow-Bird
Goldfinch	Raven, Australian
Goose, Maned	Robin, Flame
Goshawk, Australian	Robin, Hooded
Grebe, Little	Robin, Red-capped
Ground-wren, Shy	Robin, Scarlet
Hawk, Brown	Robin, Scrub
Heron, White-faced	Robin, Yellow
Heron, White-necked	Rosella, Eastern
Honeyeater, Black-chinned	Scrub-robin, Eastern
Honeyeater, Brown-headed	Shrike-thrush, Grey
Honeyeater, Fuscous	Shrike-tit, Eastern
Honeyeater, Purple-gaped	Silver-eye, Grey-backed
Honeyeater, Spiny-cheeked	Sittella, Orange-winged
Honeyeater, Tawny-crowned	Songlark, Rufous
Honeyeater, White-eared	Sparrow, House
Honeyeater, White-fronted	Spinebill, Eastern
Honeyeater, White-naped	Swallow, Welcome
Honeyeater, White-plumed	Swift, Spine-tailed
Honeyeater, Yellow-plumed	Thornbill, Brown
Honeyeater, Yellow-tufted	Thornbill, Buff-tailed
Honeyeater, Yellow-winged	Thornbill, Chestnut-tailed
Ibis, Australian White	Thornbill, Little
Jacky Winter	Thornbill, Striated
Kestrel, Nankeen	Thornbill, Yellow-tailed
Kingfisher, Sacred	Tree-creeper, Brown
Kookaburra, Laughing	Tree-Martin, Australian
Lorikeet, Little	Triller, White-winged
Lorikeet, Musk	Wagtail, Willie
Lorikeet, Purple-crowned	Warbler, Speckled
Magpie, Black-backed	Warbler, Western
Magpie-Lark	Wattle-Bird, Red
Mallee Fowl	Weebill, Brown
Martin, Fairy	Whistler, Gilbert
Mistletoe Bird	Whistler, Golden
Nightjar, Spotted	Whistler, Rufous
Oriole, Olive-backed	Whiteface, Eastern
Owl, Boobook	Wood-Swallow, Dusky
Owl, Nightjar	Wood-Swallow, Masked
Pardalote, Eastern striated	Wood-Swallow, White-browed
Pardalote, Striated	Wren, Black-backed Blue
Pardalote, Yellow-tailed	Wren, Purple-backed
Parrot, Red-backed	Wren, Superb Blue
Parrot, Ringneck	
Parrot, Swift	



11	<i>Pinus ponderosa</i>	Yellow pine
12	<i>Eucalyptus globulus</i>	Southern blue gum
13	<i>Eucalyptus longifolia</i>	Woollybutt
14	<i>Acacia implexa</i>	Lightwood
15	<i>Eucalyptus cladocalyx</i>	Sugar gum
16	<i>Acacia mearnsii</i>	Black wattle
17	<i>Eucalyptus muellerana</i>	Yellow stringybark
18	<i>Eucalyptus botryoides</i>	Southern mahogany
19	<i>Malaleuca ericifolia</i>	Swamp paperbark
20	<i>Cupressus macrocarpa</i>	Monterey cypress
21	<i>Acacia baileyana</i>	Cootamundra wattle
22	<i>Acacia decurrens</i>	Early black wattle
23	<i>Acacia pycnantha</i>	Golden wattle
24	<i>Xanthorrhoea australis</i>	Austral grass-tree
25	<i>Eucalyptus polyanthemus</i>	Red box
26	<i>Eucalyptus hemiphloia</i> (microcarpa)	Grey box
27	<i>Eucalyptus albens</i>	White box
28	<i>Eucalyptus goniocalyx</i>	Long-leaved box
29	<i>Eucalyptus melliadora</i>	Yellow box
30	<i>Eucalyptus macrorhyncha</i>	Red stringybark
31	<i>Grevillea alpina</i>	Mountain grevillea
32	<i>Pimelea octophylla</i>	Woolly rice-flower
33	<i>Acacia armata</i> (paradoxa)	Hedge acacia
34	<i>Kemedia prostrata</i>	Running postman
35	<i>Acacia diffusa</i> (genistifolia)	Spreading wattle
36	<i>Leptospermum myrsinoides</i>	Silky tea-tree
37	<i>Bursaria spinosa</i>	Sweet bursaria
38	<i>Melichrus urceolatus</i>	Urn heath
39	<i>Dillwynia hispidula</i>	Red parrot-pea
40	<i>Dillwynia glaberrima</i>	Smooth parrot-pea
41	<i>Cassinia arcuata</i>	Drooping cassinia
42	<i>Helichrysum obcordatum</i>	Grey everlasting
43	<i>Brunonia australis</i>	Blue pincushion
44	<i>Brachyloma daphnoides</i>	Daphne heath
45	<i>Leucopogon ericoides</i>	Pink-beard heath
46	<i>Indigofera australis</i>	Austral indigo
47	<i>Astroloma pinifolium</i>	Pine heath
48	<i>Dianella tasmanica</i>	Tasman flax-lily
49	<i>Hardenbergia violacea</i>	Purple coral-pea
50	<i>Eucalyptus camaldulensis</i>	River red gum
51	<i>Acacia verniciflua</i>	Varnish acacia
52	<i>Eucalyptus crebra</i>	Narrow-leaved red ironbark
53	<i>Pultenaea pedunculata</i>	Matted bush-pea
54	<i>Pinus canariensis</i>	Canary island pine

(Source: Forests Commission leaflet-The Daegile Reserve)

CASTLEMAINE FIELD NATURALISTS CLUB PROGRAM

Meetings 8.00 pm, Ed Centre

Frid Sept 14 Paddy's Ranges
Program is about the proposed
National Park, just south of
Maryborough. Program is by a
panel from Maryborough FNC

Thursday 27 Sept Business
meeting

Friday Oct 12 Switzerland
Speaker: Mr R. Furlong

Thurs Oct 25 Business meeting

Friday Nov 9 Mammals
Speaker: Mr Ian Fenslaw, of
Bendigo F.N.C.

Thurs Nov 22 Business meeting
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FROM THE BUSINESS MEETING

Treasurer
Printing \$5.55
Balance \$57.40

Photoflora 80
Friday 21 March has been
allotted as screening date
for Castlemaine.

Dargile/Wychitella excursions
We have invited the Historical
Society to join these
excursions.

Excursions

Sat 15 Sept Dargile Reserve
Leave Ed centre at 10.00 a.m.

Sun Sept 16 Muckleford
Ballarat S.G.A.P. excursion, led
by G. Sitch. Meet 10.30 at
Newstead (Mitchell Monument),
lunch at Goldfields Nursery.

Fri-Mon Sept 21-24 Wychitella
For information, see Mrs Mills

Sat Oct 6 Wattle Flat
Meet at Ed Centre at 1.30.
Leader: Mr F. Blake.

Mon Oct 1 Maryborough F.N.C.
meeting, at M'gh High School
library. Dr L.H. Smith -subject
is Lyrebirds.

Sat Oct 13 Maldon Walk
Meet Ed Centre at 9.00 for
transport to Maldon R.S., walk
back along railway line.

Fri-Sun Oct 12-14 Nelson
WVFNCA campout.

Mon Nov 5 Maryborough F.N.C.
meeting at M'gh HS Library.
Dr J.H. Willis "In the steps of
Baron Von Mueller"

Sat Nov 10 Werona/Shepherds Flat
Meet Ed. Centre at 1.30

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The Dargile Reserve (Continued from page 1)

In 1932, E. globulus (Blue gum) was recorded to have reached
a height of 18 m (60 ft). Since 1932, the majority of the
pines and a few of the Red ironbarks have been felled and sold.
Otherwise, the reserve is mostly in its natural state.

Kangaroos, wallabies, echidnas and possums, along with abund-
ant bird life may be seen on the reserve.